

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---------------------------|------------------|---------|---------------------|
| L1 | 13 | ((HERMANN) near2 (BACH)).INV. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/06/18 18:51 |
| L2 | 2 | ((HARALD) near2 (KOMPEL)).INV. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/06/18 18:51 |
| L3 | 5 | ((PETER) near2 (TRABOLD)).INV. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/06/18 18:51 |
| L4 | 20 | ((PETER) near2 (KONIG)).INV. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/06/18 18:51 |
| L5 | 8 | ((WALTER) near2 (BOLL)).INV. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/06/18 18:51 |
| L6 | 11 | ((HENNING) near2 (BUCHOLD)).INV. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/06/18 18:51 |
| L7 | 5 | ((FRANK) near2 (HOPER)).INV. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/06/18 18:51 |
| L8 | 217 | 502/56.ccls. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/06/18 18:51 |
| S1 | 13 | ((HERMANN) near2 (BACH)).INV. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/12/18 13:47 |
| S2 | 2 | ((HARALD) near2 (KOMPEL)).INV. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/12/18 13:47 |
| S3 | 5 | ((PETER) near2 (TRABOLD)).INV. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/12/18 13:48 |
| S4 | 20 | ((PETER) near2 (KONIG)).INV. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/12/18 13:48 |
| S5 | 7 | ((WALTER) near2 (BOLL)).INV. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/12/18 13:48 |
| S6 | 11 | ((HENNING) near2 (BUCHOLD)).INV. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/12/18 13:48 |
| S7 | 5 | ((FRANK) near2 (HOPER)).INV. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/12/18 13:48 |
| S8 | 214 | 502/56.ccls. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/12/18 13:53 |
| S9 | 53 | S8 and zeolite | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/12/18 13:59 |
| S10 | 4 | ("6380119" or "5981819" or "5648585" or "4610972").PN. or "2003149322" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/12/18 14:25 |

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| S12 | 60 | "0909804" or "0448000" or "0359843" or "0071137" or "9855228" or "19723363" or "16948795" or "10000889" | FPRS; EPO; JPO; DERWENT | ADJ | ON | 2007/12/18 14:37 |
| S13 | 1 | "5741749".pn. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/12/18 16:52 |
| S14 | 1 | 10/169703 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/12/18 17:02 |
| S15 | 2 | "6380119".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/12/19 08:25 |
| S16 | 3 | "4447669".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/12/19 08:25 |
| S17 | 0 | nitrogen gas and hydrocarbon and thermal process | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/12/19 11:33 |
| S18 | 252 | nitrogen gas and hydrocarbon and thermal process | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/12/19 11:33 |
| S19 | 122 | S18 and catalyst | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/12/19 11:33 |
| S20 | 45 | S19 and zeolite | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/12/19 11:34 |

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| S21 | 0 | (nitrogen gas) and hydrocarbon and (thermal process) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/12/19 11:35 |
| S22 | 1 | (nitrogen) and hydrocarbon and (thermal process) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/12/19 11:35 |
| S23 | 0 | (hydrocarbon steam) and (thermal process) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/12/19 11:39 |
| S24 | 0 | (hydrocarbon gas) and (thermal process) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/12/19 11:39 |
| S25 | 0 | (hydrocarbon gas) and (thermal treatment) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/12/19 11:39 |
| S26 | 1504 | gas SAME nitrogen SAME hydrocarbon and (thermal treatment) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/12/19 11:51 |
| S27 | 1235 | S26 and catalyst | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/12/19 11:52 |
| S28 | 437 | S27 and zeolite | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/12/19 11:52 |

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| S29 | 6 | (US-20050085375-\$). did. or (US-5741749-\$ or US-6380119-\$ or US-5981819-\$ or US- 5648585-\$ or US- 4610972-\$).did. | US-PGPUB; USPAT | ADJ | ON | 2007/12/19 11:57 |
| S30 | 5 | S29 and hydrocarbon | US-PGPUB; USPAT | ADJ | ON | 2007/12/19 12:00 |
| S31 | 1 | S29 and hydrocarbon and heat adj treatment | US-PGPUB; USPAT | ADJ | ON | 2007/12/19 12:01 |
| S32 | 6 | (US-20050085375-\$). did. or (US-5741749-\$ or US-6380119-\$ or US-5981819-\$ or US- 5648585-\$ or US- 4610972-\$).did. | US-PGPUB; USPAT | ADJ | ON | 2007/12/19 13:54 |
| S33 | 1 | S32 and entrance temperature | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/12/19 13:54 |
| S34 | 300868 | (heat treatment) or (thermal treatment) and catalyst and (entrance temperature) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/12/19 13:58 |
| S35 | 34113 | S34 and catalyst | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/12/19 13:59 |
| S36 | 3188 | S35 and zeolite | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/12/19 13:59 |
| S37 | 2 | S32 and constant | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/12/19 13:59 |
| S38 | 0 | (decoke or decarbonize or decarbonise or decarburize) near aluminosilicate | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2008/05/29 11:59 |

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| S39 | 0 | (decoke or decoking or decarbonize or decarbonise or decarburize) near aluminosilicate | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2008/05/29 11:59 |
| S40 | 2 | "6958304".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2008/05/29 12:42 |
| S41 | 2 | "4814068".PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2008/05/29 16:19 |
| S42 | 408 | reactivation and zeolite and (alumosilicate or aluminosilicate) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2008/05/29 16:30 |
| S43 | 13 | S42 and (nitrogen near temperature) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2008/05/29 16:34 |
| S44 | 17 | (zeolite or aluminosilicate or alumosilicate) near (decoke or decoking or remove coke or (desorption near hydrocarbon)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2008/06/17 16:21 |
| S45 | 71 | nitrogen and air and temperature and decoking and zeolite and cooled | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2008/06/17 17:28 |
| S46 | 6 | (US-20050085375-\$). did. or (US-5741749-\$ or US-6380119-\$ or US-5981819-\$ or US-5648585-\$ or US-4610972-\$).did. | US-PGPUB; USPAT | ADJ | ON | 2008/06/18 16:15 |
| S47 | 5 | S46 and steam | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2008/06/18 16:15 |
| S48 | 138 | nitrogen and air and decoking and zeolite and steam | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2008/06/18 16:24 |
| S49 | 1 | S46 and flue | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2008/06/18 17:16 |

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| S50 | 73 | S48 and flue | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2008/06/18 17:16 |
| S51 | 9 | S48 and (flue near (discharged or recycled or treatment)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2008/06/18 17:18 |
| S52 | 1796 | flue gas near (recycled or discharged or thermal treatment) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2008/06/18 17:24 |
| S53 | 10 | flue gas near (recycled or discharged or thermal treatment) near nitrogen | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2008/06/18 17:27 |
| S54 | 0 | flue gas near (recycled and discharged and thermal treatment) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2008/06/18 17:41 |
| S55 | 7 | flue gas near (recycle\$ and discharged and treatment) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2008/06/18 17:42 |
| S56 | 7 | (flue gas) near (recycle \$ and discharged and treatment) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2008/06/18 17:43 |

6/18/2008 6:52:50 PM

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